How ADC Escape Proxy Addresses on Exchange

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The Active Directory and the Exchange Directory has several differences, and one of the most important is that AD supports Unicode characters in the E-mail Address, while Exchange doesn't.

What ADC has to do is to replicate e-mail addresses back and forth without losing information. To do that, ADC uses an escape algorithm that let us restore the content of the attribute.

ADC has 3 different always to escape an e-mail address and this will depend on the type of the address, but basically all algorithms are similar. We use an "escape character" followed by 4 hex-decimal numbers, indicating what char was escaped.

One example would be "\1234", which means the Unicode char 0x1234 was escaped.

Here is the table that defines what is going to be the escape char:

E-mail Type	***Escape Char***
CC Mail	/
Notes	=
All others (X.400, SMTP, etc)	\x